

Dear Sirs, I am very concerned about the probability of significant interference from the proposed PLC service to existing Marine, Astronomy, Amateur, and Broadcast services in the HF spectrum.

This technology is simply not needed give the wide and increasing availability of DSL, Cable modem and other technologies. It is certainly not worth the risk to existing services. At the minimum it should only be allowed in rural areas where DSL or cable is impractical, never where there is an existing alternative.

With regard to PLC usage within the home, this need is already addressed with "WIFI" 802.11b and 802.11g. This equipment is already available at consumer prices. The interference risk with PLC is not justified, nor needed!

To date there have been many well documented cases of interference from PLC in the areas it has been tested. We have no reason to expect different results in a widespread US deployment.

Given that this technology offers very little advantage over current alternatives, yet poses far higher risk of significant interference to well established services I must respectfully ask the FCC to deny permission to deploy PLC on a widespread basis.

Sincerely,

Alan Barrow